OFFICE OF THE DIRECTOR

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FBI

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON 25, D.C.

February 26, 1964

By Courier Service

Honorable J. Lee Rankin
General Counsel
The President's Commission
200 Maryland Avenue, N. E.
Washington, D. C.

see other Ltr
Orig
Muchmore,
Marie

Dear Mr. Rankin:

At the request of representatives of the Commission, the FBI Laboratory has examined the camera used by Mrs. Marie Muchmore in filming a portion of the assassination. This camera is an eight millimeter Keystone movie camera, serial number 20648.

The camera was examined to determine the film speed and was checked at ten second intervals throughout the full running time of a fully wound camera. It was found that the film speed of the camera, when fully wound, runs at an average of 19.05 frames per second for the first ten seconds, 18.8 frames per second for the second ten seconds, 17.6 frames per second for the third ten seconds and 16.2 frames per second for the last five seconds before running down. Eliminating the last five seconds when the camera is almost run down, the average running speed of the camera was found to be approximately 18.5 frames per second.

Sincerely yours,

J. Edgar Hoover